

What Is Claimed Is:

1. A manual input device comprising:
an actuator laterally movably fitted to a frame;
a manual control knob fitted to a driving shaft of
the actuator;

a first position sensor which detects a direction
and an amount of lateral movement of the actuator;

a second position sensor which detects a direction
and an amount of rotation of the driving shaft of the
actuator; and

a controller which inputs positional signals
outputted from the first and second position sensors to
control the actuator and applies an external force to the
manual control knob according to the way the knob is
manipulated.

2. The manual input device according to Claim 1,
wherein the actuator is a rotating motor.